

SCORE Search Results Details for Application  
10035045 and Search Result us-10-035-045-  
21.rapbm.

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OM protein - protein search, using sw model

Run on: June 20, 2006, 18:11:56 ; Search time 188 Seconds  
(without alignments)  
2067.219 Million cell updates/sec

Title: US-10-035-045-21  
Perfect score: 4443  
Sequence: 1 MGPRAKTICSLFFLLWVLAE.....ERNTPAYFNSMIQGYTMRRD 839

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published\_Applications\_AA\_Main:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10A\_PUBCOMB.pep:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US10B\_PUBCOMB.pep:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query		DB	ID	Description
		Match	Length			
1	4443	100.0	839	3	US-09-897-427A-4	Sequence 4, Appli
2	4443	100.0	839	4	US-10-035-045-21	Sequence 21, Appl
3	4443	100.0	839	4	US-10-179-373-6	Sequence 6, Appli
4	4443	100.0	839	4	US-10-725-103-6	Sequence 6, Appli
5	4443	100.0	839	4	US-10-725-489-6	Sequence 6, Appli
6	4443	100.0	839	4	US-10-725-080A-6	Sequence 6, Appli
7	4443	100.0	839	4	US-10-725-472A-6	Sequence 6, Appli
8	4443	100.0	839	4	US-10-725-276-21	Sequence 21, Appl
9	4443	100.0	839	4	US-10-770-127-198	Sequence 198, App
10	4443	100.0	839	5	US-10-725-284-21	Sequence 21, Appl
11	4443	100.0	839	5	US-10-725-418-6	Sequence 6, Appli

12	4443	100.0	839	5	US-10-679-102-29	Sequence 29, Appl
13	4443	100.0	839	5	US-10-725-475-6	Sequence 6, Appli
14	4443	100.0	839	6	US-11-050-804-4	Sequence 4, Appli
15	4422	99.5	839	4	US-10-246-785-4	Sequence 4, Appli
16	4392.5	98.9	838	3	US-09-927-315-9	Sequence 9, Appli
17	4392.5	98.9	838	4	US-10-190-417-9	Sequence 9, Appli
18	4392.5	98.9	838	5	US-10-679-102-9	Sequence 9, Appli
19	4392.5	98.9	838	5	US-10-645-441-9	Sequence 9, Appli
20	3463.5	78.0	669	4	US-10-124-598-7	Sequence 7, Appli
21	3463.5	78.0	669	4	US-10-096-144-7	Sequence 7, Appli
22	3463.5	78.0	669	4	US-10-225-567A-683	Sequence 683, App
23	3231	72.7	843	3	US-09-927-315-7	Sequence 7, Appli
24	3231	72.7	843	4	US-10-124-598-1	Sequence 1, Appli
25	3231	72.7	843	4	US-10-096-144-1	Sequence 1, Appli
26	3231	72.7	843	4	US-10-246-785-6	Sequence 6, Appli
27	3231	72.7	843	4	US-10-190-417-7	Sequence 7, Appli
28	3231	72.7	843	4	US-10-179-373-17	Sequence 17, Appl
29	3231	72.7	843	4	US-10-436-715-38	Sequence 38, Appl
30	3231	72.7	843	4	US-10-436-715-70	Sequence 70, Appl
31	3231	72.7	843	4	US-10-725-103-17	Sequence 17, Appl
32	3231	72.7	843	4	US-10-725-489-17	Sequence 17, Appl
33	3231	72.7	843	4	US-10-725-080A-17	Sequence 17, Appl
34	3231	72.7	843	4	US-10-725-472A-17	Sequence 17, Appl
35	3231	72.7	843	5	US-10-725-418-17	Sequence 17, Appl
36	3231	72.7	843	5	US-10-679-102-7	Sequence 7, Appli
37	3231	72.7	843	5	US-10-645-441-7	Sequence 7, Appli
38	3231	72.7	843	5	US-10-725-475-17	Sequence 17, Appl
39	3179	71.6	843	3	US-09-927-315-8	Sequence 8, Appli
40	3179	71.6	843	4	US-10-124-598-2	Sequence 2, Appli
41	3179	71.6	843	4	US-10-096-144-2	Sequence 2, Appli
42	3179	71.6	843	4	US-10-190-417-8	Sequence 8, Appli
43	3179	71.6	843	5	US-10-679-102-8	Sequence 8, Appli
44	3179	71.6	843	5	US-10-645-441-8	Sequence 8, Appli
45	2532.5	57.0	661	4	US-10-246-785-5	Sequence 5, Appli

## ALIGNMENTS

## RESULT 1

US-09-897-427A-4

; Sequence 4, Application US/09897427A

; Patent No. US20020160424A1

; GENERAL INFORMATION:

; APPLICANT: ADLER, JON ELLIOT

; APPLICANT: LI, XIADONG

; APPLICANT: STAZEWSKI, LENA

; APPLICANT: XU, HONG

; APPLICANT: EHEVERRI, FERNANDO

; TITLE OF INVENTION: T1R HETERO-OLIGOMERIC TASTE RECEPTORS

; FILE REFERENCE: 078003-0282558

; CURRENT APPLICATION NUMBER: US/09/897,427A

; CURRENT FILING DATE: 2001-07-03

; NUMBER OF SEQ ID NOS: 10

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 4

; LENGTH: 839

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-897-427A-4

Query Match 100.0%; Score 4443; DB 3; Length 839;  
 Best Local Similarity 100.0%; Pred. No. 0;  
 Matches 839; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MGPRAKTICSLFLLWVLAEP AENSDFYLP GDYLLGGLFSLHANMKGIVHLNFLQVPMCK	60
Db	1	MGPRAKTICSLFLLWVLAEP AENSDFYLP GDYLLGGLFSLHANMKGIVHLNFLQVPMCK	60
Qy	61	EYEVK VIGYNLMQAMRFAVEEINNDSSLLPGVLLGYEIVDVCYISNNVQPVLYFLAHEDN	120
Db	61	EYEVK VIGYNLMQAMRFAVEEINNDSSLLPGVLLGYEIVDVCYISNNVQPVLYFLAHEDN	120
Qy	121	LLPIQEDYSNYISR VVAVIGPDNSESVM TVANFLSLFLLPQITYSAISDEL RDKVRFPAL	180
Db	121	LLPIQEDYSNYISR VVAVIGPDNSESVM TVANFLSLFLLPQITYSAISDEL RDKVRFPAL	180